FIG. 1 antisense RNA sense cDNA + hybrid strong affinity deaminase or -(1) inosine xanthine or hypoxanthine chemicals, COO weak affinity **Transduction into Cells** Initiation of RNAi si-RNAs外 intracellular mRNA RDE and/or RNase III @ Recycling mRNA fragments**外** Degradation of Intracellular mRNAs (RNAi effect) **No Protein Synthesis**

Gene Silencing

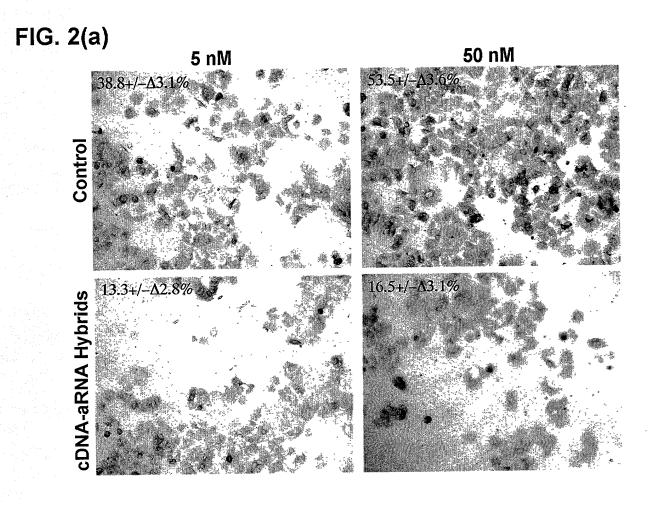
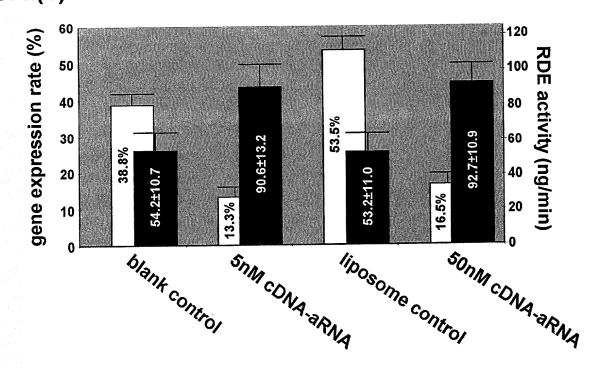


FIG. 2(b)



Acute Phase (1 week) dsRNA 5 cDNA-aRNA 5 aDNA 5 (nM) — pre-viron RNA — GAPDH

1

2

FIG. 3(b)

Chronic Phase (2 yr)

dsRNA 5
cDNA-aRNA 5 25 250
aDNA 250 (nM)

— pre-viron RNA

1' 2' 3' 4' 5' 6' 7'

FIG. 4

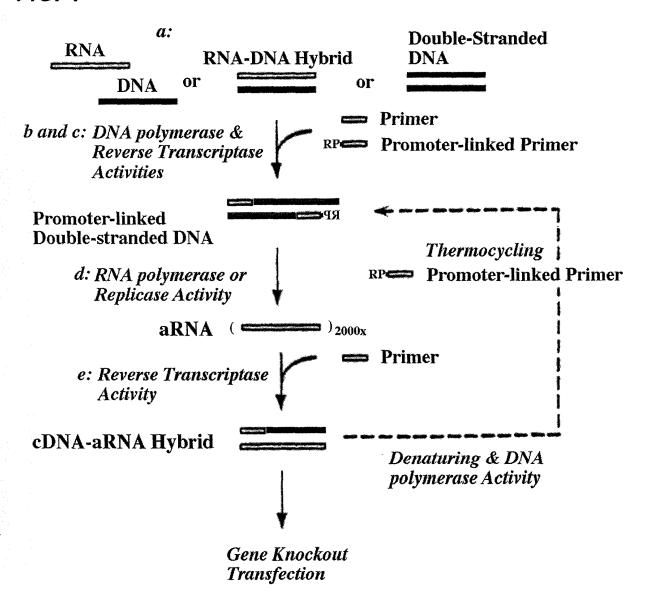


FIG. 5

